

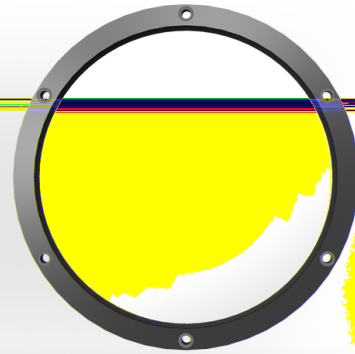
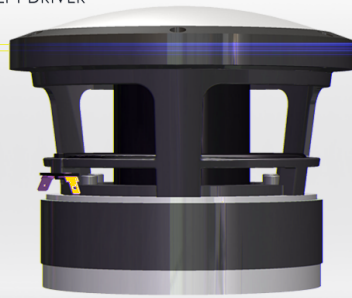
AS190-9-252

Bass driver

DOMEMATERIAL: ALUMINUM SANDWICH
APPLICATION: BASS
NOMINAL DIAMETER: 190 mm
SENSITIVITY: 85 dB

CELL[®]
CONCEPT DRIVER

accuton[®]



MAIN FEATURES :

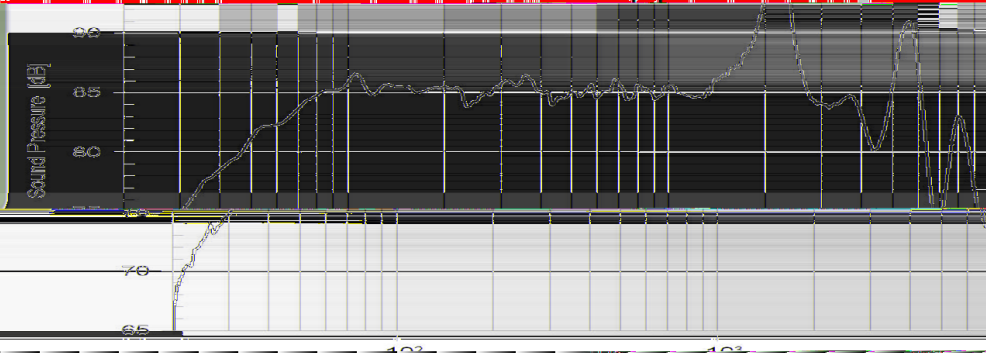
FULL FEATURED CELL CONCEPT

IDEAL ACOUSTICAL CENTER

NO COMPRESSION DESIGN

PROPRIETARY MOTOR SYSTEM

30 HZ - 1 KHZ IN VENTED BOX



The **AS190-9-252** is an 8 inch bass driver with **aluminum sandwich dome**, being the first in an entirely new approach to accuton speaker design.

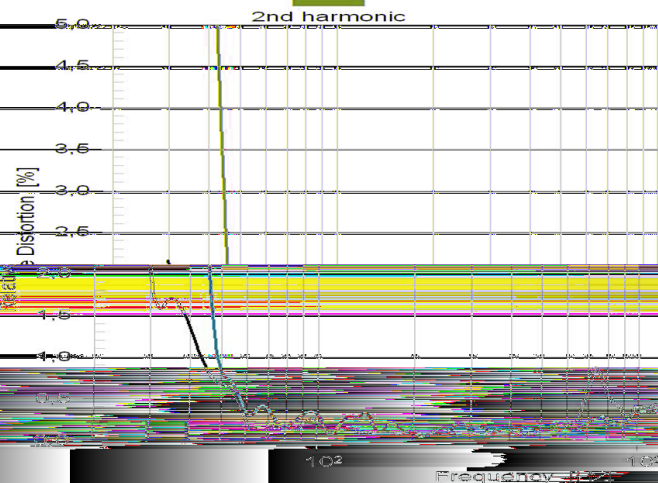
An ideal acoustical center has been achieved, which is identical with our CELL tweeters and midrange.

Its novel designed, venturi motor combines the advantages of traditional cone and dome designs, delivering high linearity, excursion and pure low distortion.

An exceptionally hard aluminum sandwich dome was developed for the CELL bass drivers that allows for negligible delay and energy storage.

The hidden surround serves for increased outer diameter and linear **AS190-9-252** of +/- 16mm. A new developed slider shape makes high excursion without compression possible.

We recommend our **AS190-9-252** for an application from 30 Hz till 1000 Hz.



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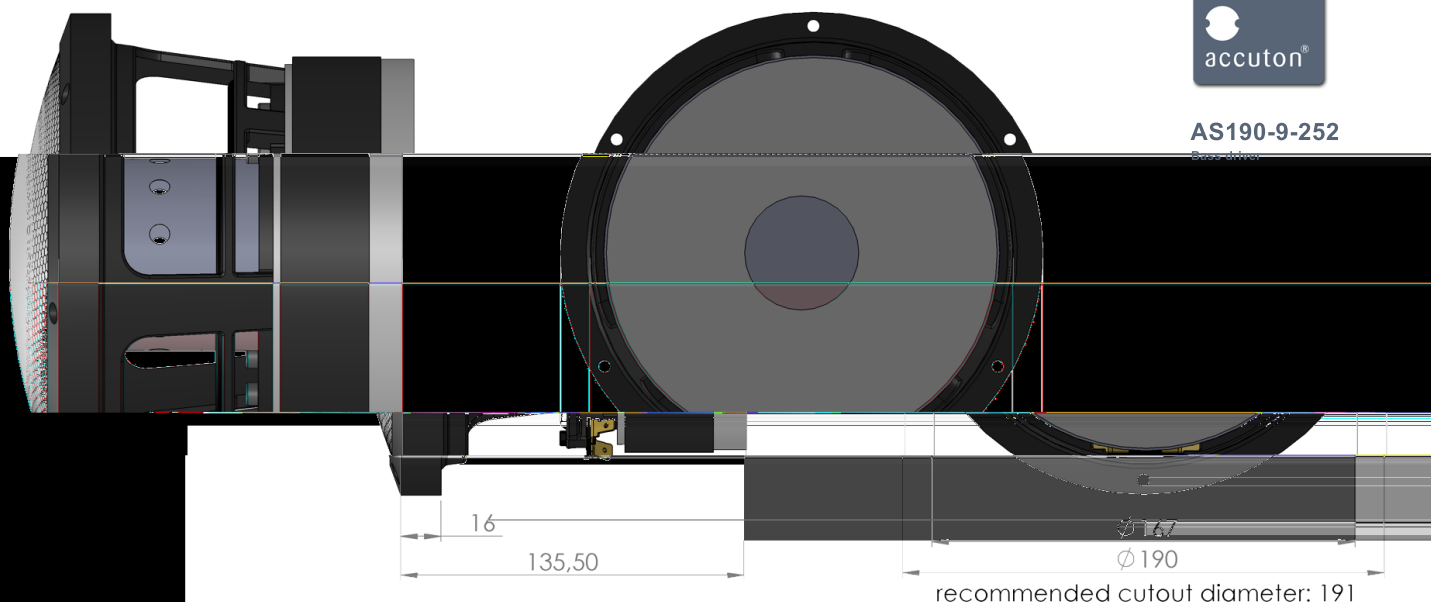
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Mechanical data

Overall diameter	190	mm
Cutout diameter	167	mm
Frontplate depth	16	mm
Overall depth	135.5	mm
Motor assembly diameter	156	mm
Motor assembly depth	52	mm
Screwfitting	DIN 7984, 4mm	
Terminal	+ : 6.3 x 0.8 / - : 4.8 x 0.8	mm
Shipping weight / net weight	16 / 15.5	kg
Shipping box size	245 / 220 / 245	mm

Thiele/Small Parameters

Sensitivity (2.83V / 1m)	E	85*		dB
DC-resistance	Re	9		Ohm
resonance frequency	Fs	39		Hz
equivalent vol. of air	Vas	20		L
mechanical Q	Qms	5		
electrical Q	Qes	0.48		
total Q	Qts	0.45		
effective piston area	Sd	202		cm ²
moving mass	Mms	48		g
suspension compl.	Cms	0.35		mm/N
mechanical resistance	Rms	2.3		kg x s

Voice Coil data

Power handling	P	250*	Watt
Linear excursion	Xmax	+/- 9	mm
Voice coil diameter		78	mm
Voice coil former material		Ti	
Voice coil material		CCAW	
Voice coil inductance	Le	0.6	mH
Force factor	Bl	13.6	N/A
Motor type		Overhung	
Ferrofluid filling		no	

* See www.accuton.com for exact measurement conditions.